

## **ABSTRACT**

There is disclosed apparatus for remote monitoring of a field of view comprising a monitoring station (150), and remote sensing equipment (130) at a site remote from said monitoring station. The remote sensing equipment (130) comprises an infrared detection apparatus (110) that monitors said field of view for at least two wavelengths of infrared radiation corresponding to an adverse atmospheric condition and produces temperature information based on the monitored infrared radiation, a processor (140) for processing said temperature information to determine whether an alarm condition for said adverse atmospheric condition is met, and communication means (160) for sending data to said monitoring station if said alarm condition is met.